Jameco Part number 138430

EDR 1A WITH DIODE SERIES

NEW

1.FEATURES:

1-1: Miniature, cost-effective switching solution
1-2: State-of-the art capsule designs.
1-3: Molded construction for compatibility with automatic board processing
1-4: Epoxy-molded dual-in-line-package.
1-5: Completely washable

2. SPECIFICATIONS

2-1 Coil Rating:

Nominal Voltage(v)	Max . Operate Voltage(v)	Pull-In Voltage(v)	Dropout Voltage(V)	*Coil Resistance(Ω)	Nominal input power (mW)
DC5	16	3.75	0.8	500±10%	50
DC12	20	9.00	10	1000±10%	144
DC24	32	18.00	20	2150±10%	268

*Special design are available on request

2-2 Contact Rating:

Switching Current	0.5 Adc Max.
Carry Current	1.0 Adc Max.
Switching Power	10 VA Max.
Electrical Life	$100x10^{6}$ (Ref 10VDC,10mA)
Contact Resistance	150mΩ Max.
Contact Form	1 Form A
Operate Time	1.0ms Max. Including Bounce Time
Release Time	1.0ms Max. Including Bounce Time
Maximum Voltage	100VDC
Insulation Resistance	10^{8} Ohms min.

2-3: Dielectric strength:
1400 VDC Between Coil And Contact
250 VDC Between Contacts
2-4 Temperature Range:
Operating Temp:—40°C to+85°C
Storage Temp:—55°C to+125°C
2-5 Shock Resistance:
30g min.

3. PART NUMBERING SYSTEM:

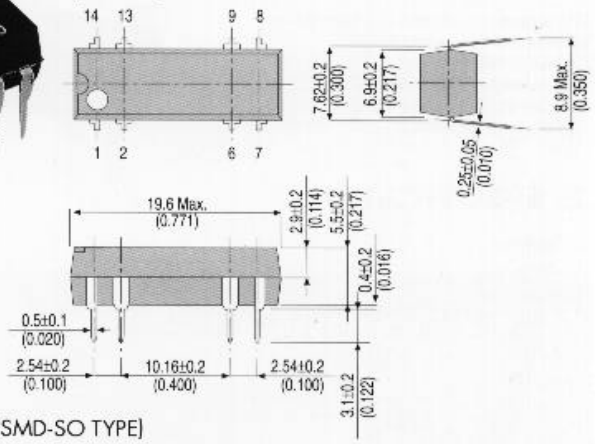
EDR 2 D 1A 05

- 05 — NOMINAL VOLTAGE 05 : 5 VDC, 12 : 12 VDC, 24 : 24 VDC
- 1A — CONTACT FORM 1A: OPEN TYPE 1 FORM A
- D — FUNCTION D:WITH DIODE TYPE
- 2 — TYPE 2 : DIP TYPE, 3 : SMD TYPE
- EDR — MODEL NAME

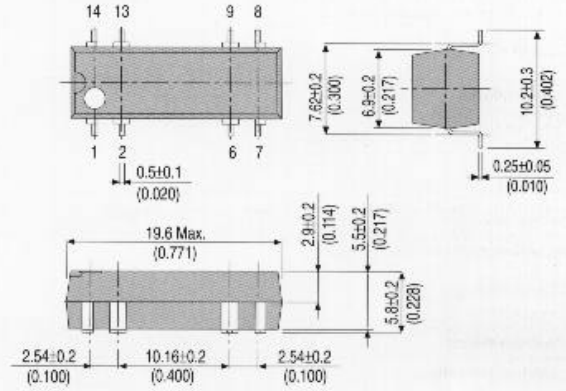
4. DIMENSIONS

Unit: mm(inch)

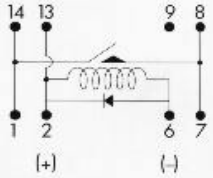
(DIP TYPE)



(SMD-SO TYPE)

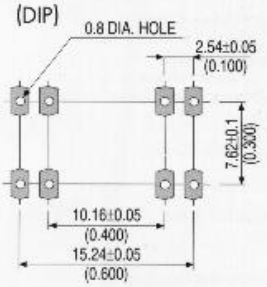


Wiring Diagram
1 FORM A



P.C.B Layout(Top View)

(DIP)



(SMD-SO TYPE)